(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 21 December 2000 (21.12.2000)

PCT

PCT/JP00/03692

English

(10) International Publication Number WO 00/76850 A1

(51)	International	Patent Classification	: B65B 9/02
------	---------------	-----------------------	-------------

(22) International Filing Date: 7 June 2000 (07.06.2000)

(25) Filing Language:

(26) Publication Language: English

(30) Priority Data: 11/163976 10 June 1999 (10.06.1999)

(21) International Application Number:

(71) Applicant (for all designated States except US): KAO CORPORATION [JP/JP]; 14-10, Nihonbashi Kayaba-cho

1-chome, Chuo-ku, Tokyo 103-0052 (JP). (72) Inventors: and

(75) Inventors/Applicants (for US only): KOBAYASHI, Hideo [JP/JP]; Kao Corporation, Research Laboratories, 2606, Akabane, Ichikai-machi, Haga-gun, Tochigi 321-3426 (JP). SAKAMOTO, Masaki [JP/JP]; Kao Corporation, Research Laboratories, 2606, Akabane, Ichikai-machi, Haga-gun, Tochigi 321-3426 (JP), OKU-MURA, Masahide [JP/JP]; Kao Corporation, Research Laboratories, 2606, Akabane, Ichikai-machi, Haga-gun, Tochigi 321-3426 (JP), KAWAJIRI, Hironobu (JP/JP): Kao Corporation, Research Laboratories, 2606, Akabane, Ichikai-machi, Haga-gun, Tochigi 321-3426 (JP).

Agents: HATORI. Osamu et al.; Akasaka HKN Building 6F, 8-6, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP),

(81) Designated States (national): CN, US.

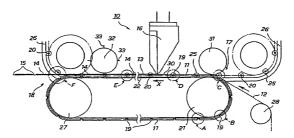
(84) Designated States (regional): European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL. PT. SE).

Published:

With international search report.

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD FOR INTERMITTENTLY FORMING LAID LAYERS



(57) Abstract: An intermittently laying method for intermittently forming laid layers (14) comprising a fluidized substance (13) laid thereon on a surface of a sheet-like member (12) moving in one direction, in the moving direction, the method comprising steps of: folding a part of the sheet-like member (12) corresponding to a non-laid portion (15) between adjacent laid portions inwardly towards a back surface side of the sheet-like member (12) on an upstream side of a coating head (16) for laying the fluidized substance (13) on the sheet-like member (12) thereby forming a continuous suface-to-be-laid (30) on a surface side; continuously supplying the fluidized substance (13) from the laying means to the surface-to-be-laid thereby forming the laid layer (14); bringing back the inwardly folded non-laid portion (15) so as to be flush with the surface-to-be-laid (30) on a downstream side of the coating head (16); and intermittently interposing the non-laid portion (15) between continously laid adjacent laid layers (14).